

FIG. 1

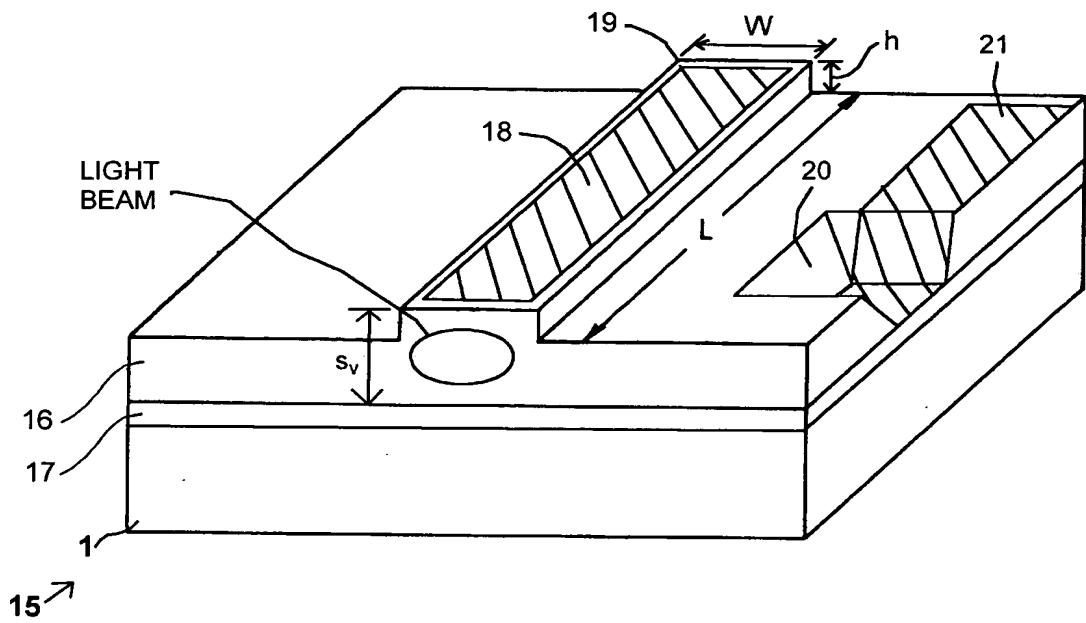
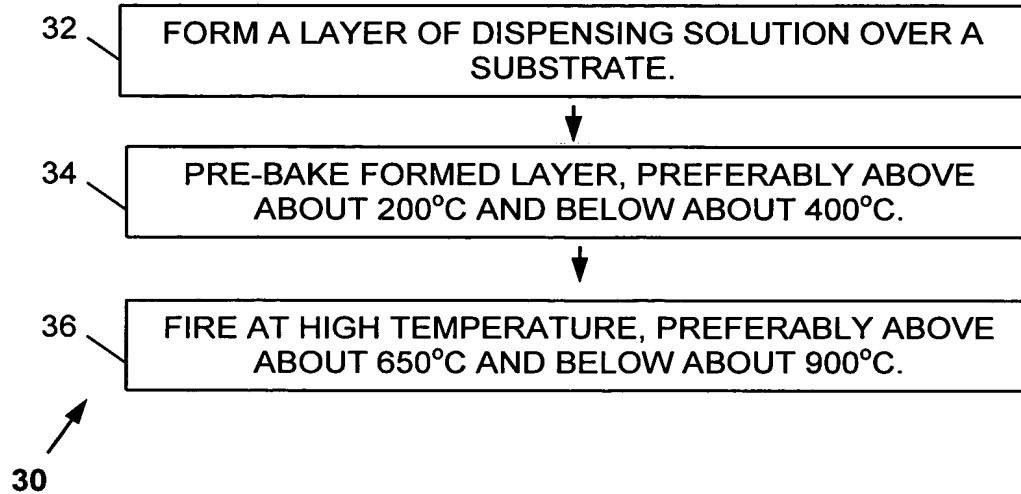
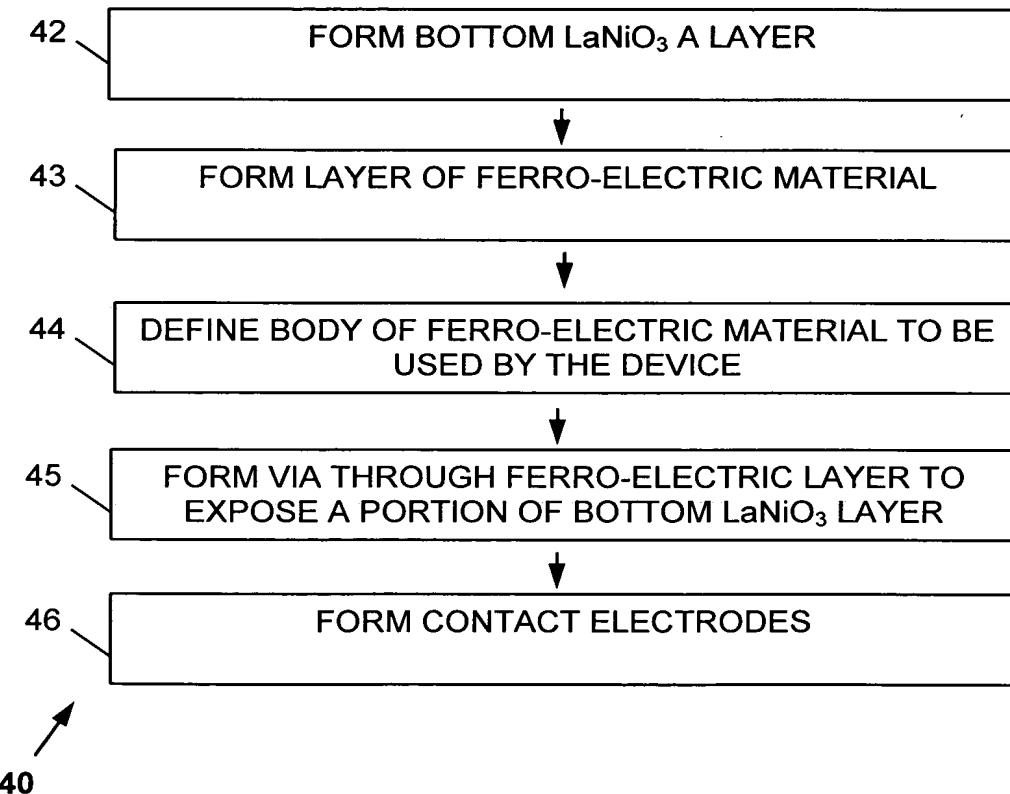


FIG. 2

**FIG. 3****FIG. 4**

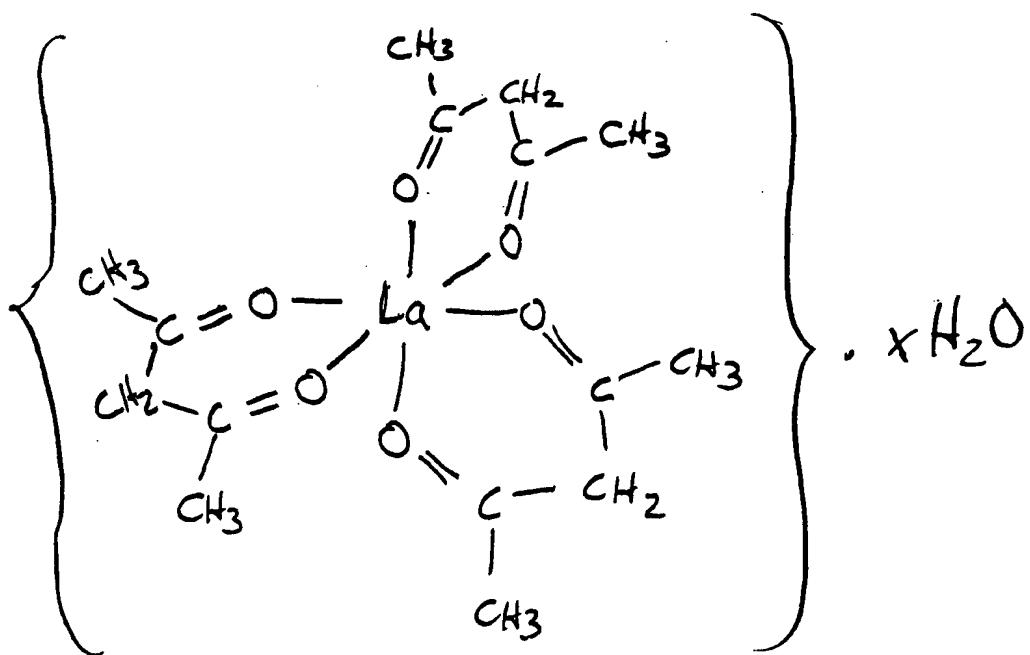


FIG. 5

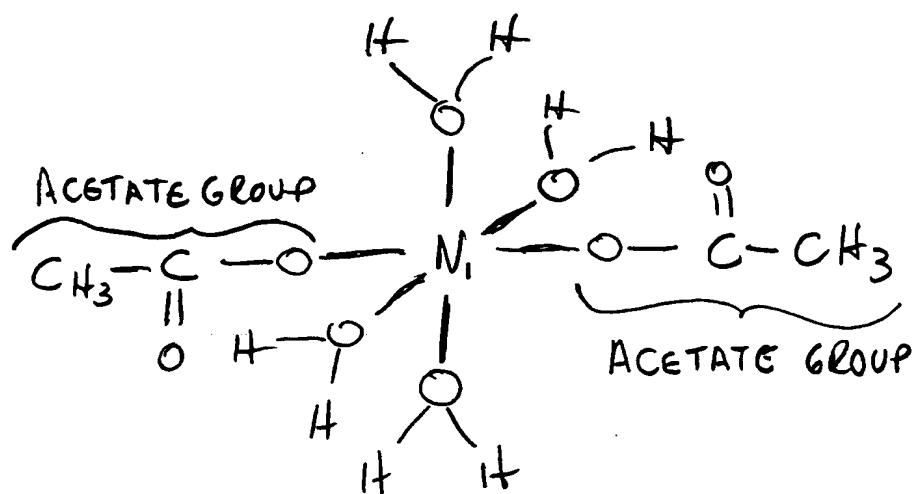


FIG. 6

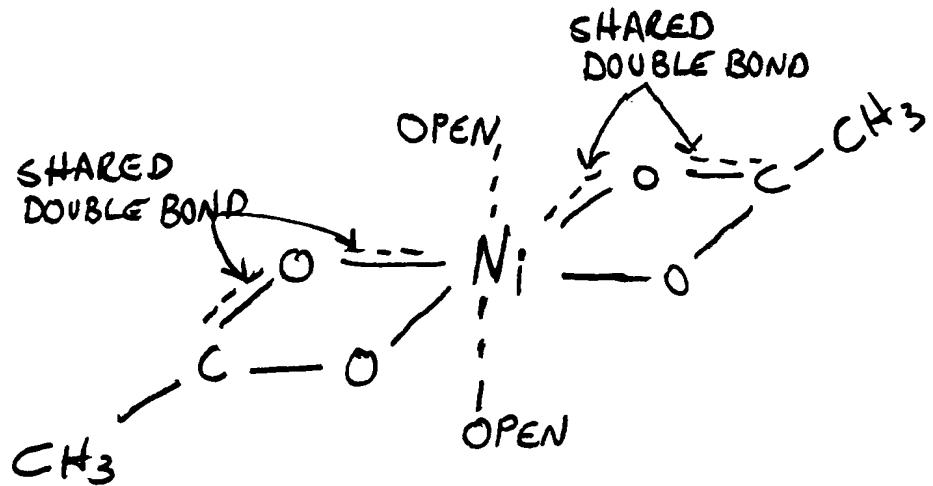


FIG. 7

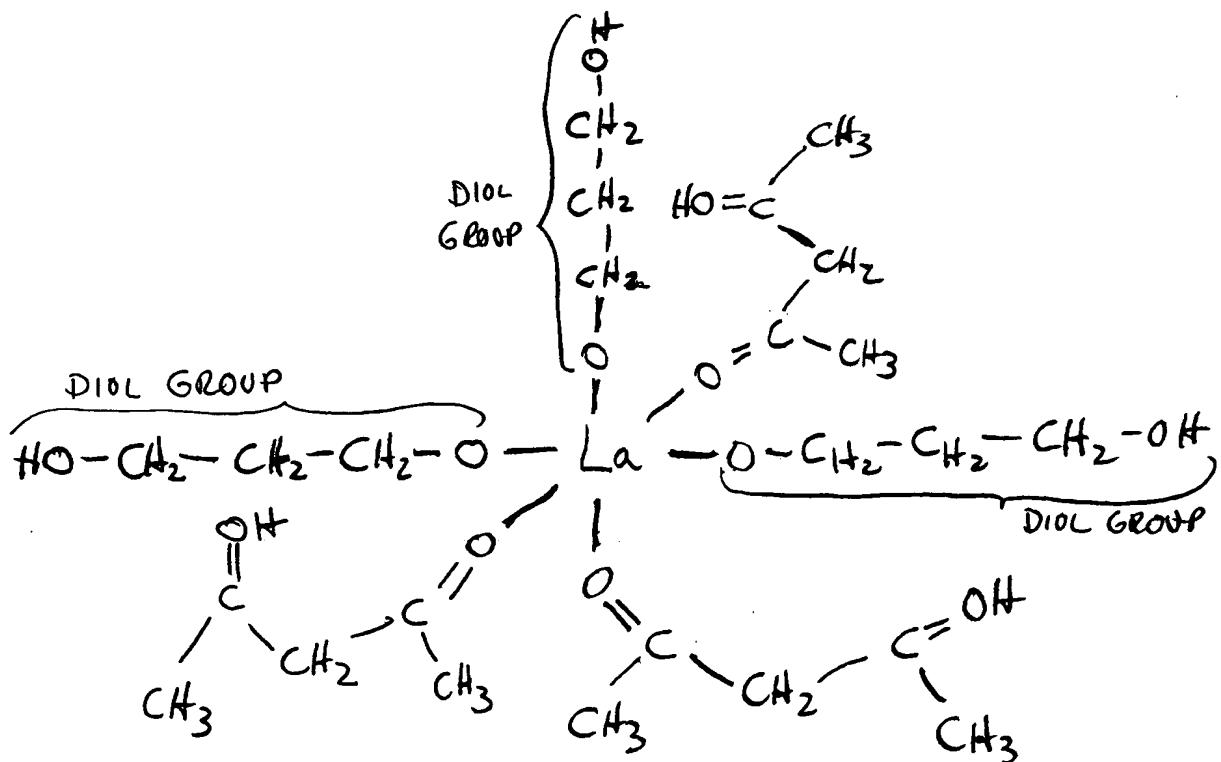


FIG. 8

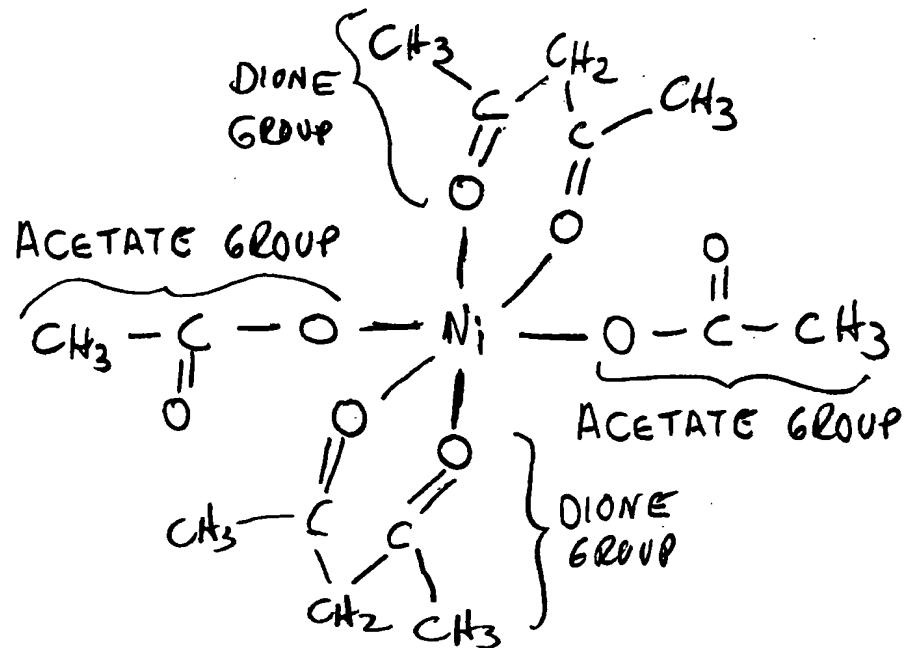


FIG. 9

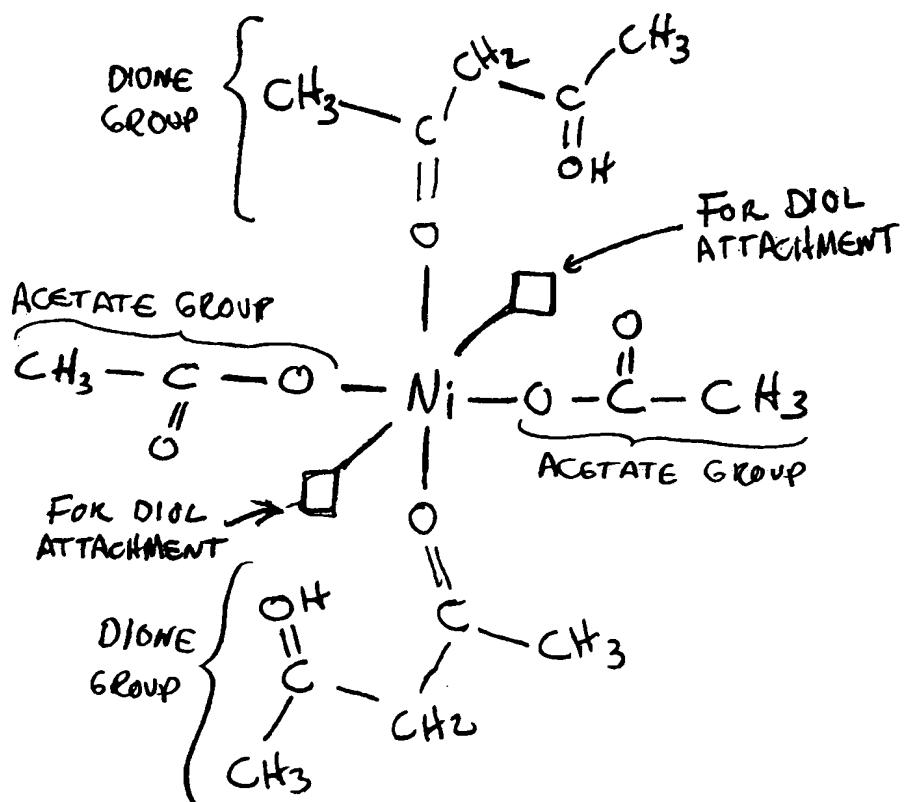
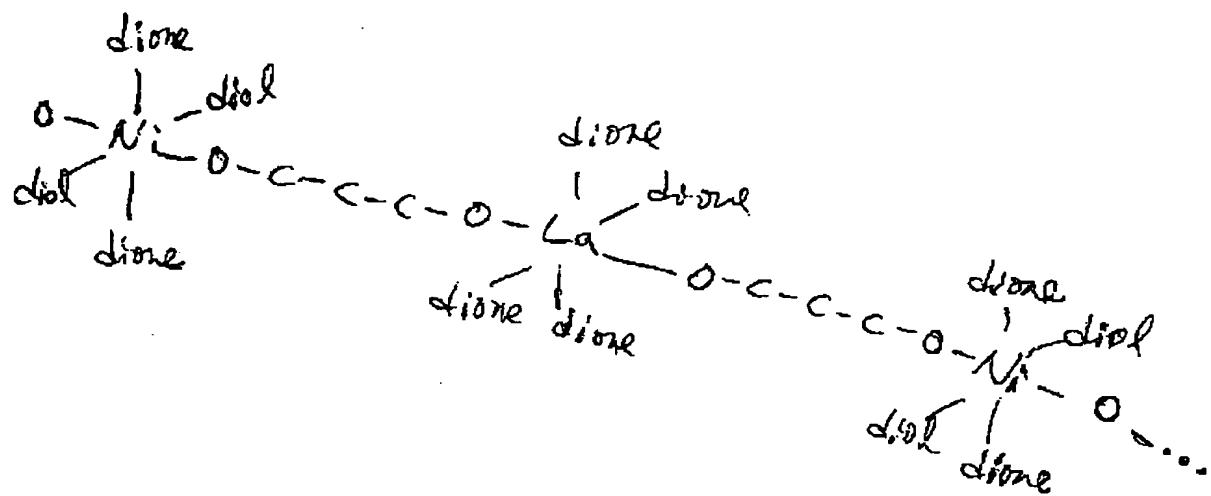
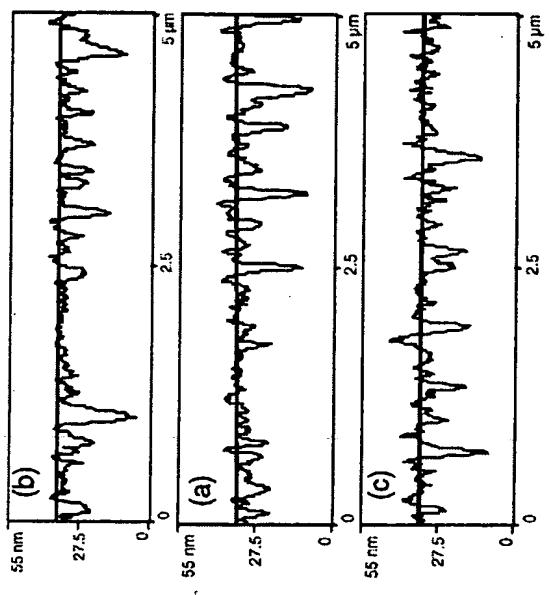
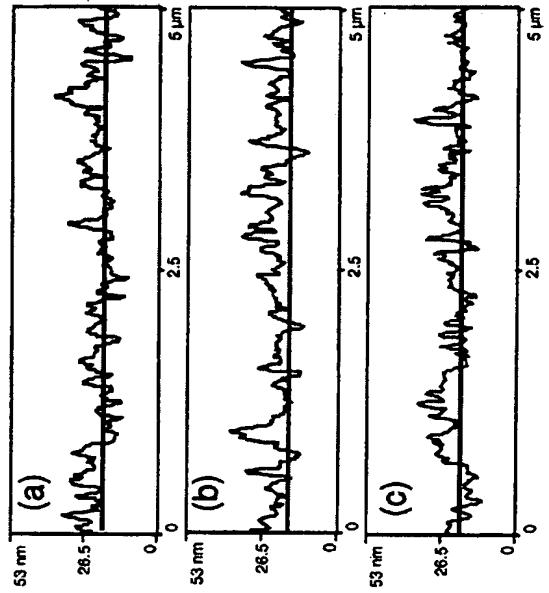
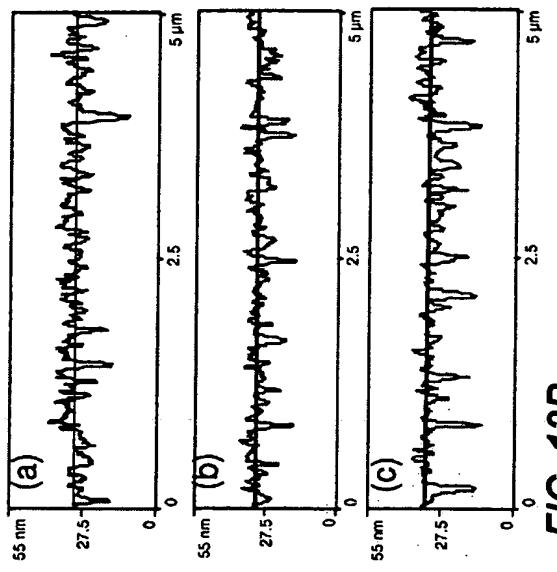
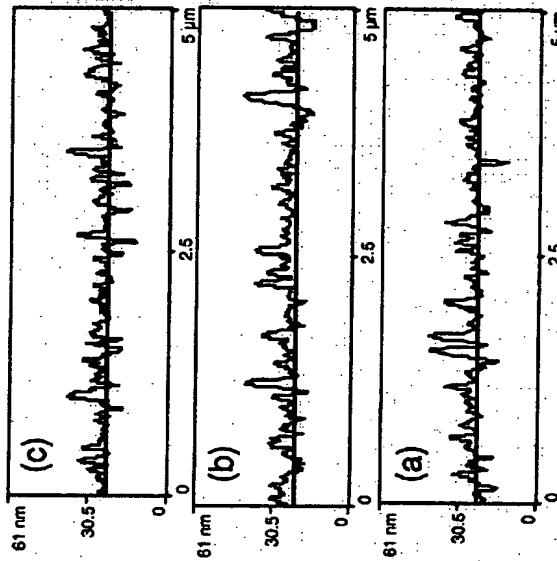


FIG. 10



**FIG. 11**

FIG. 12A (Invention Example on  $\text{LaAlO}_3$ )FIG. 12C (Comparative Example on  $\text{LaAlO}_3$ )FIG. 12B (Invention Example on  $\text{SrTiO}_3$ )FIG. 12D (Comparative Example on  $\text{SrTiO}_3$ )

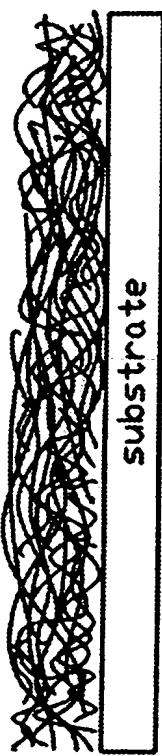


FIG. 13A

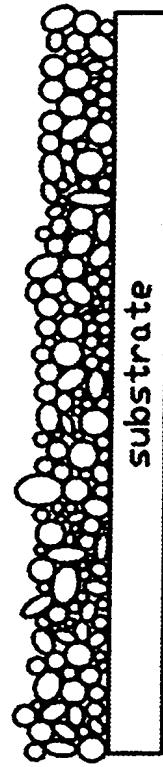


FIG. 13C



FIG. 13B

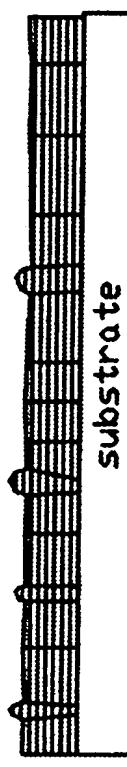


FIG. 13D